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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/655,295	RECEIVED	)			
Filing Date	9/5/2000	550 o'd 200				
First Named Inventor	Cheriton	FEB 0 1 200				
Group Art Unit	NYA	Technology Center	60			
Examiner Name	NYA					
Attorney Docket Number	102.1061.01					

			_,	U.S. PATENT DOCUM	ENTS	
Examiner Initials*	Cite No <sup>1</sup>	U.S. Patent Document  Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
21	1	4,491,945		Turner	01/01/1985	
3C149 3	) <sub>2</sub> 2	4,679,189		Olson et al.	07/07/1987	
	<del>*</del> 3	4,893,304		Giacopelli et al.	01/09/1990	
7. <b>2</b>	4	5,088,032		Bosack	02/11/1992	
(Jas)	5	5,249,292		Chiappa	09/28/1993	
	6	5,271,004		Proctor et al.	12/14/1993	
827	7	5,309,437		Perlman et al.	05/03/1994	
PATE	8	5,440,550		Follett	08/08/1995	
9/2	9	5,509,006		Wilford et al.	04/16/1996	
151 3	10	5,519,858		Walton et al.	05/21/1996	
ZB	11	5,524,254		Morgan et al.	06/04/1996	
JB	12	5,651,002		Van Seters et al.	07/22/1997	
IB	13	5,684,797		Aznar et al.	11/04/1997	
ZB	14	5,684,954		Kaiserswerth et al.	11/04/1997	
93	15	5,774,698		Olnowich	06/30/1998	
ZŔ	16	5,870,382		Tounai et al.	02/09/1999	
23	17	5,909,440		Ferguson et al.	06/01/1999	
23	18	6,157,641		Wilford	12/05/2000	
DB.	19	6,212,183		Wilford	04/03/2001	
20	20	2001/0012295		Wilford	08/09/2001	

				FORE	IGN PATENT DOCUMENTS			
Examiner Initials*	Cite No <sup>1</sup>	Forei Office <sup>3</sup>	gn Patent Document  Number <sup>4</sup>	Kind Code <sup>5</sup> ( <i>if known</i> )	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵
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Substitu	ite for form 1449A/P	ОТО		PATENT TRADEMARK OFFICE	plete if Known	
				Application Number	09/655,295	
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				U.S. PATENT DOCUM	ENTS	
Examiner Initials*	Cite No <sup>1</sup>	U.S. Patent Documen  Number	t Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<b>3</b>	21	2001/0051864		Kerr et al.	12/13/2001	
TO SE	22	5,842,224		Fenner	11/24/1998	
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				FORE	IGN PATENT DOCUMENTS			
Examiner Initials*	Cite No <sup>1</sup>	Office <sup>3</sup>	oreign Patent Document  Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵
26	1	wo	94/01828	A1	Bialkowski	01/20/1994		
23	2	wo	96/34479	A1	Wilford et al.	10/31/1996		
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Complete if Known Substitute for form 1449A/PTO **Application Number** 09/655,295 NYA FEB 0 1 2002

NYA

102.1061.01 Technology Center 7600 INFORMATION DISCLOSURE **Filing Date** STATEMENT BY APPLICANT First Named Inventor Group Art Unit (use as many sheets as necessary) **Examiner Name** 1 1 Sheet of Attorney Docket Number

		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
ST OFFICE	1	SHANG-TSE CHUANG et al. "Matching Output Queueing with a Combined Input and Output Queued Switch". Stanford CSL-TR-98-758	
1 7 B	R TRADE	WILLIBALD DOERINGER et al. "Routing on Longest-Matching Prefixes". IEEE/ACM Transactions on Networking, Vol. 4. No. 1. February 1996.	
Tent to	3	JIM DUFFY. "Cisco goes with the flow". San Jose, Calfornia. May 3, 1996	
FB.	4	PANKAJ GUPTA et al. "Scheduling Algorithms for an Input-Queued Variable Length Packet Switch". Stanford University. Page 1-34.	
26	5	NICK MCKEOWN et al. "Bridges, Routers and Switches". Department of Electrical Engineering. Stanford University, Stanford, CA 94305-9030	
26	6	TONG-BI PEI et al. "VLSI Implementation of Routing Tables: Tries and Cams". Department of Electrical Engineering. Center for Telecommunications Research. Columbia University. 1991 IEEE.	
ZB	7	PAUL F. TSUCHIYA. "A Search Algorithm for Table Entries with Non-contiguous Wildcarting". Bellcore.	

Examiner			Date	19 - 19 - 69 9
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